

## **AMENDMENTS TO THE DRAWINGS**

The attached replacement sheets of drawings includes changes to FIGS. 1 and 2. The replacement sheets replace the original sheets that included FIGS. 1 and 2. The replacement sheets add the words "PRIOR ART" to each FIG.

Attachments: 2 Replacement Sheets

2 Annotated Sheets Showing Changes

## REMARKS

Upon entry of this Amendment, claims 1-5, 9-11, and 18-20 will be amended and claims 12-13 will be canceled. As a result, claims 1-11 and 14-20 will remain pending. The claims have been amended solely to expedite prosecution, and Applicant reserves the right to pursue the originally filed claims in this application and in other applications. No new matter has been added.

The title stands objected to as being not descriptive. Applicants have amended the title in view of the Examiner's comments.

FIGS. 1 and 2 are objected to for lacking a "Prior Art" legend. The FIGS. have been amended as suggested by the Examiner.

Claims 3-7, 13, 15 and 20 are objected to as being dependent upon a rejected base claim.

Claim 1 has been amended and Applicant respectfully requests allowance of the claim (along with claims 2-9 dependent thereon). While elements of claim 3 have been added to claim 1, Applicant notes that claim 1 as amended does not represent claim 3 re-written in independent form including all of the limitations of the base claim and any intervening claim. For example, claim 1 as amended does not recite the "lower-threshold resistor having a resistance substantially equal to R."

Claim 10 has been amended and Applicant respectfully requests allowance of the claim (along with claims 11 and 14-17 dependent thereon). While elements of claim 13 have been added to claim 1, Applicant notes that claim 10 as amended does not represent claim 13 re-written in independent form including all of the limitations of the base claim and any intervening claim. For example, claim 10 as amended does not recite that " $V_C$  substantially equals  $(V_H + V_L)/2$ ."

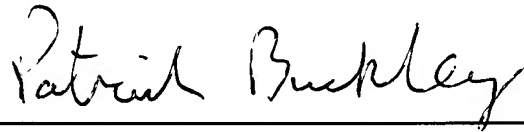
Claim 18 has been amended and Applicant respectfully requests allowance of the claim (along with claims 19-20 dependent thereon). While elements of claim 20 have been added to claim 18, Applicant notes that claim 18 as amended does not represent claim 20 re-written in independent form including all of the limitations of the base claim and any intervening claim.

For example, claim 18 as amended does not recite the "lower-threshold resistor having a resistance substantially equal to R."

### CONCLUSION

Accordingly, Applicants respectfully request allowance of the pending claims. If any issues remain, or if the Examiner has any further suggestions for expediting allowance of the present application, the Examiner is kindly invited to contact the undersigned via telephone at (203) 972-0191.

Respectfully submitted,

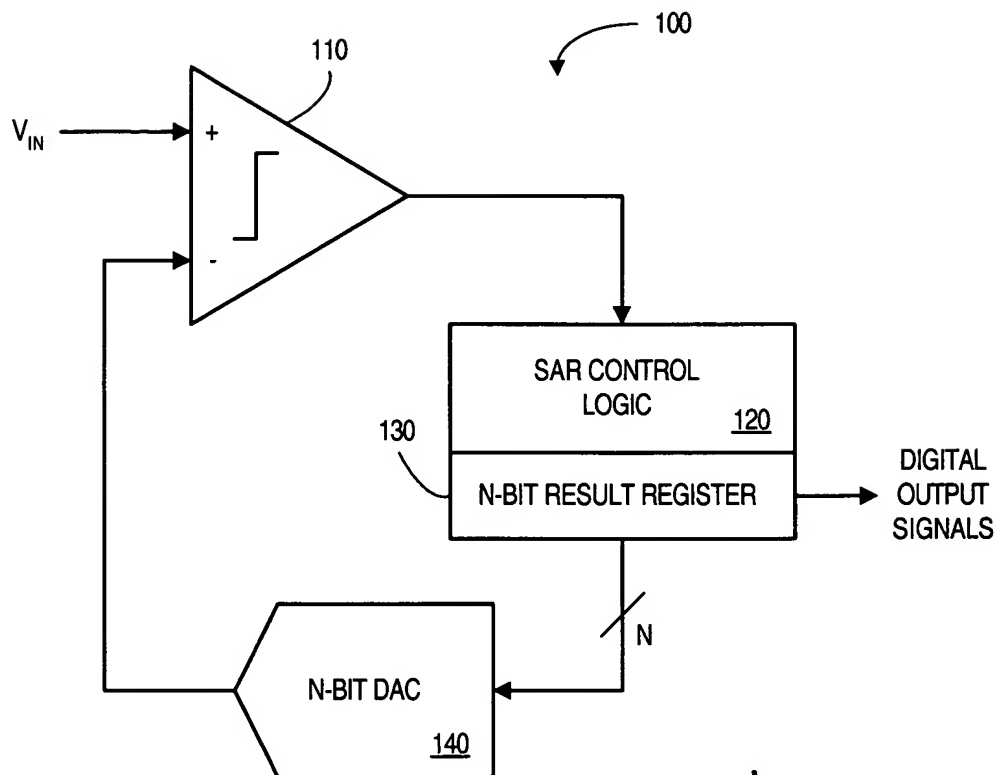


December 17, 2004  
Date

Patrick J. Buckley  
Registration No. 40,928  
Buckley, Maschoff & Talwalkar LLC  
Five Elm Street  
New Canaan, CT 06840  
(203) 972-0191



Application No. 10/750,198  
Amendment Dated December 17, 2004  
Reply to Office Action of October 4, 2004  
Annotated Sheet Showing Changes



add  
"PRIOR  
ART"

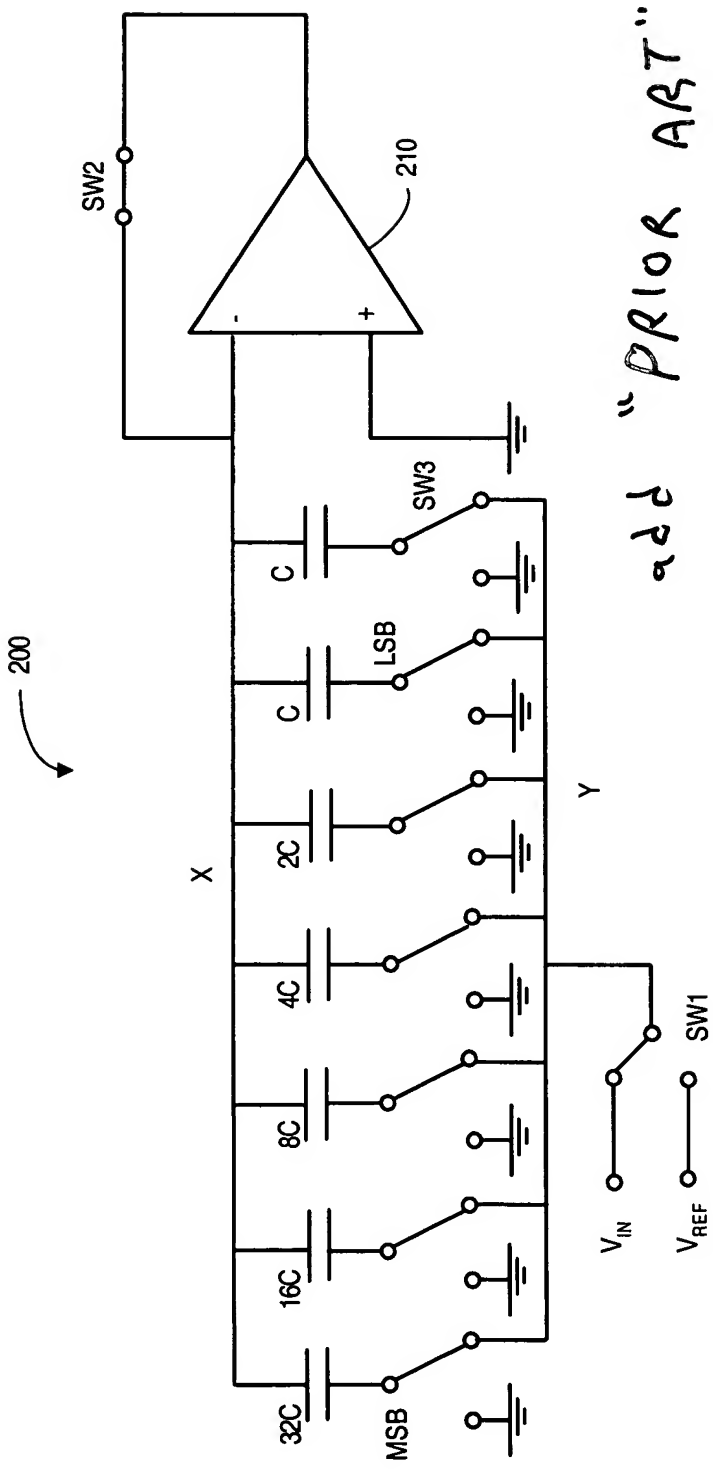


FIG. 2